



Polythene and Polypropylene polymer Compound Waterproof Membrane

With polyethylene type polymer synthesis material as its main waterproofing layer, HY120 series polymer compound waterproof membrane is a new type waterproofing membrane, compounding ageing resistance layer, bond strengthening layer with polypropylene non-woven cloth by automatic production line.



CHARACTERISTICS:

- Non-toxic, no pollution, environmental Protecting product;
- Excellent adhesion to many surfaces, especial direct adhesion to cement material in its curing process;
- Tough, impermeable, multilayered sheet;
- High tensile strength, good cold flexibility.

USAGE:

This product is suited to use in civil or industrial buildings, for waterproofing of roofs, basements, ground, indoor floor, toilets, ponds, reservoirs, tunnel, bridges and anti-pollution in metallurgy, chemical industry etc.

APPLICATION METHOD:

- The application is simple and of no--pollution. It is mainly used in the middle of building for waterproofing. On this layer, other layers of protection and decoration are needed.
- When application, lay the roll on clean homogeneously smooth surface & then put decorative material / tiles with cement material to cure.



Layer-Construction:

1. strengthening protection layer
2. ageing-resistance layer
3. waterproof layer
4. strengthening adhesion layer

SPECIFICATION:

- Specification: 300g/m²
- Breadth: 1.2m
- Length: 100m

Property Index (GB18173.1-2006 standard)

NO	ITEM		FS2
1	tension N/cm	normal temperature	≥ 60
		60°C	≥ 30
2	pull lengthening, %	normal temperature	≥ 400
		-20°C	≥ 10
3	break tension, N	≥	20
4	water impermeability, 30min, 0.3Mpa		no leaking
5	cold bending, °C		≤ -20
6	heating elongation, mm	elongation	≤ 2
		shrinkage	≤ 4
7	hot air ageing (80°C x 168h)	holding of tension strength at break %	≥ 80
		holding of pull lengthening at break %	≥ 70
8	alkali-proof [10%Ca(OH) ₂ normal temperature X 168h]	holding of tension strength at break %	≥ 80
		holding of pull lengthening at break %	≥ 80